

Title (en)
COMPONENT MEASUREMENT DEVICE

Title (de)
KOMPONENTENMESSVORRICHTUNG

Title (fr)
DISPOSITIF DE MESURE DE COMPOSANT

Publication
EP 2690428 A4 20150225 (EN)

Application
EP 12760097 A 20120301

Priority
• JP 2011063686 A 20110323
• JP 2012055216 W 20120301

Abstract (en)
[origin: EP2690428A1] The component measuring device is provided with: a photometric block (72) having a mounting portion (87) having an opening so as to be opposed to a test paper (70), and having a reflected light optical path (110) for guiding reflected light (Lr) to a light receiving element (102), the reflected light optical path (110) communicating with the mounting portion (87); and a reflected light lens (88b) for condensing the reflected light (Lr) onto the light receiving element (102). The reflected light lens (88b) is formed as an aspheric lens for reducing at least spherical aberration of the reflected light (Lr) on a basis of a position of disposition of the light receiving element (102).

IPC 8 full level
G01N 21/78 (2006.01); **G01N 21/27** (2006.01); **G01N 21/84** (2006.01)

CPC (source: EP)
A61B 5/14532 (2013.01); **G01N 21/78** (2013.01); **G01N 21/8483** (2013.01)

Citation (search report)
• [X] US 2005095697 A1 20050505 - BACHUR NICHOLAS R JR [US], et al
• [X] US 2006098203 A1 20060511 - KALVERAM STEFAN [DE]
• [X] US 7847946 B2 20101207 - KRAUTH GARY H [US]
• See references of WO 2012128014A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 2690428 A1 20140129; EP 2690428 A4 20150225; EP 2690428 B1 20191113; CN 103443615 A 20131211; JP 5941905 B2 20160629; JP WO2012128014 A1 20140724; WO 2012128014 A1 20120927

DOCDB simple family (application)
EP 12760097 A 20120301; CN 201280014284 A 20120301; JP 2012055216 W 20120301; JP 2013505869 A 20120301